210	210	210	210	210	210	
Registra	ation No :					
Total No	under of Danies .	00			D. T	- I-
210 210	mber of Pages :	U2 210	210	210	B.Tec	
	2 nd Se	mester Regula	ar / Back Exam	ination 2017-1		01
				CARE ENGINE		
					SE, ECE, EEE, EII	Ε,
ELE	CTRICAL, ENV, E			, MANUTECH, ΓΙC, PT, TEXTII		
	WIIIVEIXA	•	ne : 3 Hours	110, 1 1, 1LX111		
210	210		k Marks∷ 100	210	210	
		Q.C	ODE : C1039			
				any four from		
	•		•	indicate mark	S.	
	A	nswer all parts	of a question	at a place.		
		Part – A (An	swer all the que	stions)		
Q1	Answer the follow				e: (2 x 10))
²¹⁰ a)	Depletion of ozon	040	040	040	040	,
	incidence of					
	a) Skin cancerc) bronchitis		b) lung canced) UV radiation			
b)	,	hottest laver of	,	<i>/</i> 11		
c)	Hardness of water		=	and in wa	ter.	
•	Pathogens are usu		•			
210 e)	Which of the follow	-		the colloidal part	icles from 0	
	water	, ,.				
	a) Chemical precb) Chemical coag		c) Ion exchand) Adsorption			
f)	In year the e		, ,			
g)	The average air co					
	a) 5kg		b) 12kg			
210 h)	c) 25kg Flocculation is a pr	ocess of	d) none of the		010	
210 II) i)	The most significan			210 Patening mankind	210 is	
•,	a) global warming		c) acid rain	atering manking	10	
	b) ozone hole		d) smog form	ation		
j)	The most significar	nt gaseous air po	ollutant is			
Q2	Answer the follow	ina augetione:	Short answer to	vne:	(2 x 10	•
a)	What is EIA? What	-	-	ype.	(2 X 10	,
²¹⁰ b)	Write the classifica	210	210	210	210	
c)	What are the Envir		•			
d)	What are the differ	ent components	of Ecosystem?			
e)	What is difference		ss Primary Pro	ductivity (GPP)	and Net	
	Primary Productivit		al accordance than force			
f)	Write the ecologica	=	id explain the fun	ictioning of ecosy	stem.	
	Define the occupate Write note on Aqua		210	210	210	
g) 210 h)	- * * ロ ロ ロ ロ ロ ロ ロ こ こ こ こ こ こ こ こ こ こ こ	alio poliulioli.		-	-	
²¹⁰ h)	•		ires of malaria			
	Write prevention as	nd control measi		Pascal at 10 m	distance.	

	Q3	a) b)	What is ecological postplain Nitrogen Cyc	(10) (5)					
210	21 Q4	a) b)	What are the different environmental gradients and tolerance limits? BOD of an effluent sample incubated for 1 day at 30°C was found to be 100mg/l. what would be the 5 day BOD at 20°C? K = 0.12 at 20°C.						210
	Q5	a) b)	Differentiate between Write the physical ar		(10) (5)				
210	Q6	a)	Draw and explain in brief the major environmental segments with their temperature profile. Describe the soil pollution and its remedies?						210
	Q7	b) a) b)	Explain the manager Explain the different	ment and dispo	sal of hazardous v		ıstry.	(5) (10) (5)	
210	Q8 ²¹	•	What are the effects Define disinfection.	, causes and co	ontrol measures o	f noise pollution?	210	(10) (5)	210
	Q9	a)	Define environmenta with suitable example	e.	-		seases	(10)	
210	21	b)	What is the role of in	210	210	210	210	(5)	210
210	21	0	210	210	210	210	210		210
210	21	0	210	210	210	210	210		210
210	21	0	210	210	210	210	210		210